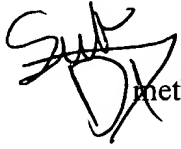



Amendments to the Claims

Kindly add claim 36, cancel claims 30 & 33, and amend claims 13, 18, 23, 24, 29, 30, 33, & 35 as set forth below. Claims 1-12, 15, 20 & 26 were previously canceled. All pending claims are reproduced below.

1-12. (Canceled)


 13. (Currently amended) A method of dynamically changing message flow, said method comprising:

 dynamically changing a network of processes, while one or more messages of a plurality of messages are being processed in the network; and

determining completion of a problem associated with one or more messages of the plurality of messages, although said network has changed, and even though the one or more messages have dynamically changed in number in response to the dynamic change in the network, said determining comprising checking a data structure to determine whether the problem is completed.

14. (Previously amended) The method of claim 13, wherein said dynamically changing the network comprises at least one of adding a process to the network, changing a process of the network and deleting a process from the network.

15. (Canceled)

 16. (Previously amended) The method of claim 13, wherein said data structure collects results associated with said problem.

17. (Previously amended) The method of claim 13, wherein the data structure is extendable to accommodate changes in the network.

18. (Currently amended) A system of dynamically changing message flow, said system comprising:

means for dynamically changing a network of processes, while one or more messages of a plurality of messages are being processed in the network; and

means for determining completion of a problem associated with one or more messages of the plurality of messages, although said network has changed, and even though the one or more messages have dynamically changed in number in response to the dynamic change in the network, said means for determining comprising means for checking a data structure to determine whether the problem is completed.

19. (Previously amended) The system of claim 18, wherein said means for dynamically changing the network comprises at least one of means for adding a process to the network, means for changing a process of the network, and means for deleting a process from the network.

20. (Canceled)

21. (Previously amended) The system of claim 18, wherein said data structure collects results associated with said problem.

22. (Previously amended) The system of claim 18, wherein the data structure is extendable to accommodate changes in the network.

23. (Currently amended) A system of dynamically changing message flow, said system comprising:

a computing system adapted to dynamically change a network of processes, while one or more messages of a plurality of messages are being processed in the network; and

a data structure used in determining, although the network has changed, and even though the one or more messages have dynamically changed in number in response to the dynamic change in the network, completion of a problem associated with one or more messages of the plurality of messages.

24. (Currently amended) At least one program storage device readable by a machine, tangibly embodying at least one program of instructions executable by the machine to perform a method of dynamically changing message flow, said method comprising:

dynamically changing a network of processes, while one or more messages of a plurality of messages are being processed in the network; and

determining completion of a problem associated with one or more messages of the plurality of messages, although said network has changed, and even though the one or more messages have dynamically changed in number in response to the dynamic change in the network, said determining comprising checking a data structure to determine whether the problem is completed.


25. (Previously amended) The at least one program storage device of claim 24, wherein said dynamically changing the network comprises at least one of adding a process to the network, changing a process of the network and deleting a process from the network.

26. (Canceled)

27. (Previously amended) The at least one program storage device of claim 24, wherein said data structure collects results associated with said problem.


28. (Previously amended) The at least one program storage device of claim 24, wherein the data structure is extendable to accommodate changes in the network.

29. (Currently amended) A method of facilitating processing of transactions, said method comprising:

 dynamically changing a network of processes used in processing a plurality of messages of a transaction, said transaction having associated therewith a dynamic number of messages; and

determining completion of the transaction, even though the network used in processing the plurality of messages of the transaction is dynamically changed, and even though the number of messages of the transaction changes during processing.

30. (Canceled)


 31. (Previously added) The method of claim 29, wherein said determining completion comprises using a data structure to determine when the transaction is complete.

32. (Currently amended) A system of facilitating processing of transactions, said system comprising:

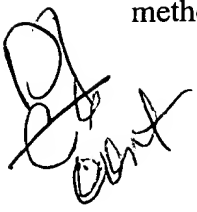
means for dynamically changing a network of processes used in processing a plurality of messages of a transaction, said transaction having associated therewith a dynamic number of messages; and

means for determining completion of the transaction, even though the network used in processing the plurality of messages of the transaction is dynamically changed, and even though the number of messages of the transaction changes during processing.

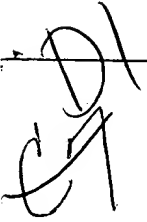
33. (Canceled)

 34. (Previously added) The system of claim 32, wherein said means for determining completion comprises a data structure used to determine when the transaction is complete.

35. (Currently amended) At least one program storage device readable by a machine tangibly embodying at least one program of instructions executable by the machine to perform a method of facilitating processing of transactions, said method comprising:

 dynamically changing a network of processes used in processing a plurality of messages of a transaction, said transaction having associated therewith a dynamic number of messages; and

determining completion of the transaction, even though the network used in processing the plurality of messages of the transaction is dynamically changed, and even though the number of messages of the transaction changes during processing.

 36. (New) The method of claim 13, wherein the checking the data structure comprises checking results associated with the problem, wherein the results dynamically change in number in response to the dynamic change in the network.